

Form Status: Certified and Sent to EPA
Validation Status: Passed with Possible Errors

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Approval Expires: 03/31/2011

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(IMPORTANT: Type or print; read instructions before completing form)

EPA United States Environmental Protection Agency		FORM R Section 313 of the Emergency Planning and Community Right-to-know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act.		TRI Facility ID Number 98055THBNG8THAN Toxic Chemical, Category or Generic Name Certain Glycol Ethers	
WHERE TO SEND COMPLETED FORMS:		1. TRI Data Processing Center P.O.Box 1513 Lanham, MD 20703-1513 *** File Copy Only: Do Not Submit to EPA ***		2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)	
This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank:		Revision (enter up to two code(s)) [][]		Withdrawal (enter up to two code(s)) [][]	
Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.					
Part I. FACILITY IDENTIFICATION INFORMATION					
SECTION 1. REPORTING YEAR : 2008					
SECTION 2. TRADE SECRET INFORMATION					
2.1 Are you claiming the toxic chemical identified on page 2 trade secret? [] Yes (Answer question 2.2; Attach substantiation forms) [X] NO (Do not answer 2.2; Go to Section 3)		2.2 Is this copy [] Sanitized [] Unsanitized (Answer only if "YES" in 2.1)			
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)					
I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.					
Name and official title of owner/operator or senior management official:			Signature:		Date Signed:
File Copy : Do Not Send to EPA					
SECTION 4. FACILITY IDENTIFICATION					
4.1		TRI Facility ID Number		98055THBNG8THAN	
Facility or Establishment Name		Facility or Establishment Name or Mailing Address(if different from street address)			
BOEING COMMERCIAL AIRPLANE GROUP - RENTON		BOEING COMMERCIAL AIRPLANE GROUP - RENTON			
Street		Mailing Address			
8TH & LOGAN AVE N		P O BOX 3707, MC 67-74			
City/County/State/Zip Code		City/State/Zip Code		Country (Non-US)	
RENTON / King / WA / 98055		SEATTLE / WA / 981242207			
4.2	This report contains information for : (Important: check a or b; check c or d if applicable)		a. [X] An Entire facility	b. [] Part of a facility	c. [] A Federal facility
			d. [] GOCO		
4.3	Technical Contact name		SEAN J. CALDWELL	Email Address	Telephone Number (include area code)
				SEAN.J.CALDWELL@BOEING.COM	4259652302
4.4	Public Contact name		MICHAEL L. VERHAAR	Email Address	Telephone Number (include area code)
				MICHAEL.L.VERHAAR@BOEING.COM	4259651567

4.5	NAICS Code (s) (6 digits)	a. 336411 (Primary)	b.	c.	d.	e.	f.
4.7	Dun and Bradstreet Number(s) (9 digits)						
a. 009262171							
b.							
SECTION 5. PARENT COMPANY INFORMATION							
5.1	Name of Parent Company	NA []	THE BOEING CO				
5.2	Parent Company's Dun & Bradstreet Number	NA []	009256819				

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**EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION**

TRI Facility ID Number

98055THBNG8THAN

Toxic Chemical, Category or Generic Name

Certain Glycol Ethers

SECTION 1. TOXIC CHEMICAL IDENTITY

(Important DO NOT complete this section if you completed Section 2 below.)

1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.) N230
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.) Certain Glycol Ethers
1.3	Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes". Generic Name must be structurally descriptive). NA

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)

2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.) NA
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SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1	Manufacture the toxic chemical: a. <input type="checkbox"/> Produce b. <input type="checkbox"/> Import	3.2	Process the toxic chemical: a. <input type="checkbox"/> As a reactant b. <input type="checkbox"/> As a formulation component c. <input type="checkbox"/> As an article component d. <input type="checkbox"/> Repackaging e. <input type="checkbox"/> As an impurity	3.3	Otherwise use the toxic chemical: a. <input type="checkbox"/> As a chemical processing aid b. <input checked="" type="checkbox"/> As a manufacturing aid c. <input checked="" type="checkbox"/> Ancillary or other use
If produce or import: c. <input type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity					

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR

4.1	[03] (Enter two-digit code from instruction package.)
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SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE

			A. Total Release (pounds/year*) (Enter range code or estimate**)	B. Basis of Estimate (enter code)	C. % From Stormwater
5.1	Fugitive or non-point air emissions	NA []	1925	C	
5.2	Stack or point air emissions	NA []	1417	C	
5.3	Discharges to receiving streams or water bodies (enter one name per box)				
	Stream or Water Body Name				

5.3.1 NA

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*For Dioxin and Dioxin-like Compounds, report in grams/year
**Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

98055THBNG8THAN

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Certain Glycol Ethers

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE (Continued)

		NA	A. Total Release (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)
5.4.1	Underground Injection onsite to Class I wells	[X]		
5.4.2	Underground Injection onsite to Class II-V wells	[X]		
5.5	Disposal to land onsite			
5.5.1.A	RCRA subtitle C landfills	[X]		
5.5.1.B	Other landfills	[X]		
5.5.2	Land treatment/application farming	[X]		
5.5.3A	RCRA Subtitle C surface impoundments	[X]		
5.5.3B	Other surface impoundments	[X]		
5.5.4	Other disposal	[]	0	0

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

6.1.A.1 Total Transfers (pounds/year*) (enter range code** or estimate)	6.1.A.2 Basis of Estimate (enter code)
12240	C

6.1.B. 1
POTW Name

KING COUNTY DEPT OF NATURAL RESOURCES - EAST RECLAMATION

POTW Address

1200 MONSTER ROAD SW

City	RENTON	State	WA	County	King	Zip	98057
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**EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)**

TRI Facility ID Number

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SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-Site EPA Identification Number (RCRA ID No.)

ORD089452353

Off-Site Location Name

CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST

Off-Site Address

17629 CEDAR SPRINGS LANE

City	ARLINGTON	State	OR	County	Gilliam	Zip	97812	Country (Non-US)	
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Is location under control of reporting facility or parent company?

☐ Yes ☒ NoA. Total Transfers (pounds/year*)
(enter range code** or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1 . 0

1 . C

1 . M65

6.2.2 Off-Site EPA Identification Number (RCRA ID No.)

UTD981552177

Off-Site Location Name

SAFETY-KLEEN (ARAGONITE), INC

Off-Site Address

11600 NORTH APTUS ROAD

City	ARAGONITE	State	UT	County	Tooele	Zip	84029	Country (Non-US)	
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Is location under control of reporting facility or parent company?

☐ Yes ☒ NoA. Total Transfers (pounds/year*)
(enter range code** or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1 . 5

1 . C

1 . M50

6.2.3 Off-Site EPA Identification Number (RCRA ID No.)

MOD981127319

Off-Site Location Name

LONE STAR INDUSTRIES

Off-Site Address

2524 SPRIGG STREET

City	CAPE GIRARDEAU	State	MO	County	Cape Girardeau	Zip	63702	Country (Non-US)	
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Is location under control of reporting facility or parent company?

☐ Yes ☒ NoA. Total Transfers (pounds/year*)
(enter range code** or estimate)B. Basis of Estimate
(enter code)C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1 . 2

1 . C

1 . M56

6.2.4 Off-Site EPA Identification Number (RCRA ID No.)					OHD980613541				
Off-Site Location Name					WASTE TECHNOLOGIES INDUSTRIES				
Off-Site Address					1250 ST GEORGE STREET				
City	EAST LIVERPOOL	State	OH	County	Columbiana	Zip	43920	Country (Non-US)	
Is location under control of reporting facility or parent company?						[] Yes [X] No			
A. Total Transfers (pounds/year*) (enter range code** or estimate)				B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)			
1 . 3				1 . C		1 . M50			
6.2.5 Off-Site EPA Identification Number (RCRA ID No.)					KSD031203318				
Off-Site Location Name					ASH GROVE CEMENT PLANT				
Off-Site Address					1801 N. SANTA FE ST.				
City	CHANUTE	State	KS	County	Neosho	Zip	66720	Country (Non-US)	
Is location under control of reporting facility or parent company?						[] Yes [X] No			
A. Total Transfers (pounds/year*) (enter range code** or estimate)				B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)			
1 . 0				1 . C		1 . M56			
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY									
[] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.									
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]					d. Waste Treatment Efficiency Estimate			
7A. 1 a	7A. 1 b					7A. 1 d			
W	1 : H071 2 : H075 3 : H121 4 : H077 5 : H123 6 : H101 7 : H083					E6			

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PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

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SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

		Column A Prior Year (pounds/year*)	Column B Current Reporting Year (pounds/year*)	Column C Following Year (pounds/year*)	Column D Second Following Year (pounds/year*)
8.1					
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	3409	3342	3342	3342
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	0	0	0	0
8.1d	Total other off-site disposal or other releases	0	0	0	0
8.2	Quantity used for energy recovery onsite	NA	NA	NA	NA
8.3	Quantity used for energy recovery offsite	2	2	2	2
8.4	Quantity recycled onsite	NA	NA	NA	NA
8.5	Quantity recycled offsite	NA	NA	NA	NA
8.6	Quantity treated onsite	NA	0	0	0
8.7	Quantity treated offsite	10621	12248	12248	12248

8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)	NA
8.9	Production ratio or activity index	0.88
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.	
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)
8.10.1	NA	
8.11	If you wish to submit additional optional information on source reduction, recycling, or pollution control activities, check "Yes."	Yes []

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Additional optional information on source reduction, recycling, or pollution control activities.